

# Design & Technology EYFS Bridging Document

	ELG'S	How this is achieved in EYFS	Links to Science in KS1
Specific Area of Learning Understanding The World	<p><b>Physical Development ELG: Fine Motor Skills</b></p> <ul style="list-style-type: none"> <li>• Hold a pencil effectively in preparation for fluent writing – using the tripod grip in almost all cases.</li> <li>• Use a range of small tools, including scissors, paint brushes and cutlery.</li> <li>• Begin to show accuracy and care when drawing.</li> </ul>	<p><b>Children learn by experimenting with tools such as scissors, staplers and hole punches.</b></p> <ul style="list-style-type: none"> <li>• Different DT activities e.g. mechanisms-sliding Santa Chimneys, Structures-Junk modelling, Textiles- egg decoration and threading flowers</li> <li>• Creating vehicles using outdoor blocks and loose parts.</li> <li>• Creating products for a purpose i.e. a bridge for the Three Billy Goats Gruff.</li> </ul>	<p><b>Y1 Autumn 2 – Mechanisms:</b> Moving story books. Create a pop-up book based on the nursery rhyme Humpty Dumpty.</p> <p><b>Y1 Spring 2- Textiles:</b> Puppets- design and make a puppet based around a theme. Using small tools to cut and join fabrics.</p> <p><b>Y2 Spring 2 – Mechanisms:</b> Fairground wheel. Design and create a functional Ferris wheel, learn how different components fit together so that the wheel rotates, and the structure stands freely.</p> <p><b>Y2 Summer 2- Textiles</b> Pouches (cushions) for baby bear’s chair.</p>
	<p><b>Expressive Arts and Design ELG: Creating With Materials</b></p> <ul style="list-style-type: none"> <li>• Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</li> <li>• Share their creations, explaining the process they have used.</li> </ul>	<p><b>Children can self-select from a range of tools and materials in continuous provision.</b></p> <ul style="list-style-type: none"> <li>• They make use of fixing and joining materials such as sellotape, masking tape, string, pipe cleaners and glue.</li> <li>• Through questioning, children are encouraged to talk about what they like about their work and other children’s designs and how they would improve it.</li> </ul>	<p><b>Y1 Summer 1 – Structures:</b> Constructing a windmill. Design and construct a windmill for a client (mouse) to live in. Explore various types of windmills, how they work and their key features.</p> <p><b>Y2 Summer 2 topic – Structures:</b> Baby bear’s chair. Explore stability and methods to strengthen structures, to understand Baby Bear’s chair weaknesses and develop an improved solution for him to use.</p>

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	<ul style="list-style-type: none"> <li>• Make use of props and materials when role playing characters in narratives and stories.</li> </ul>	<ul style="list-style-type: none"> <li>• Selecting the best resources to build dens in different areas of the outdoor provision inspired by books that we are reading.</li> <li>• Creating props in role play.</li> </ul>	
	<p><b>Personal, Social and Emotional Development</b>  <b>ELG: Managing Self</b></p> <ul style="list-style-type: none"> <li>• Understanding the importance of healthy food choices.</li> </ul>	<p><b>Using tools to create food inspired by books that we are reading e.g. Oliver's Vegetables.</b></p> <ul style="list-style-type: none"> <li>• Observing the effects of food in the oven i.e. watching cakes rise.</li> <li>• Cooking and baking different foods linked to topics.</li> </ul> <p><b>Talking about a balanced diet and healthy/unhealthy food choices during snack time and lunch time.</b></p> <p>Autumn 1- Cooking and Nutrition- Soup          Summer 2- Cooking and Nutrition-          Designing and making a rainbow salad.</p>	<p><b>Y1 Summer 2 – Cooking and Nutrition: Fruit and vegetables.</b> Learn to distinguish between fruit and vegetables and where they grow. Design a fruit and vegetable smoothie and accompanying packaging</p> <p><b>Y2 Autumn 2 – Cooking and Nutrition: A balanced diet.</b></p> <p>Learn about the food groups (carbohydrates, proteins, fruits and vegetables, dairy, oils and spreads) to understand a balanced diet to develop a healthy wrap.</p>